

Title (en)

LIGHT SOURCE AND OPTICAL COHERENCE TOMOGRAPHY APPARATUS INCLUDING THE LIGHT SOURCE

Title (de)

LICHTQUELLE UND OPTISCHE KOHÄRENZTOMOGRAFIEVORRICHTUNG MIT DER LICHTQUELLE

Title (fr)

SOURCE DE LUMIÈRE ET APPAREIL DE TOMOGRAPHIE EN COHÉRENCE OPTIQUE COMPRENANT LA SOURCE DE LUMIÈRE

Publication

EP 2901500 A4 20160518 (EN)

Application

EP 13840219 A 20130926

Priority

- JP 2012217190 A 20120928
- JP 2013005693 W 20130926

Abstract (en)

[origin: WO2014050102A1] A light source includes an upper electrode layer, a lower electrode layer, and an active layer interposed therebetween. At least one of the upper and lower electrode layers is divided into a plurality of electrodes separated from each other in an in-plane direction of the active layer. The separated electrodes independently inject current into a plurality of different regions in the active layer. The light source emits light by injecting current from the upper and lower electrode layers into the active layer, guide the light in the in-plane direction, and output the light. The plurality of different regions in the active layer include a first region not including a light exit end and a second region including the light exit end, and the second region is configured to emit light of at least first-order level. The active layer has an asymmetric multiple quantum well structure.

IPC 8 full level

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Citation (search report)

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- See references of WO 2014050102A1

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DOCDB simple family (application)

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